



# Rig #427 - 1500 Hybrid

**Contact Info:**  
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## Key Information

Rig #:	427
Rig Type:	1500 Hybrid
Category:	Hybrid
Depth Rating:	1500
Racking Capacity:	N/A
Loads:	8

## Location

Main Coordinate System:	LSD
Address:	*Near* 881 Highway (41 km WNW), Lac La Biche County, AB
LSD:	1AA/05-03-071-05W4/00

## Drawworks

Mechanical / Electrical:	Hydraulic
Auxiliary Brake:	Johnson Caliper
Model:	Timberland
Rated Power:	350
Drive:	QSM 11

## Mast

Mast Type:	Single Stiff
Mast Manufacturer:	Rig Shop
Static Hook Load:	44,500 daN / 100,000 lbs
Mast Clear Height:	22 m / 72 ft
Drill Line Size:	22
Number of Lines:	4

## Substructure

Substructure Type:	trailer mounted sub
Substructure Manufacturer:	Rig Shop
Floor Height:	4 m / 13 ft
Clear Height:	3.8 m / 12 ft
Rotary Capacity:	44,500 daN / 100000 lbs
Set Back Capacity:	N/A

## Top Drive

Manufacturer / Model:	FDS 50T
Continuous Torque:	9000 Nm / 6600 ft-lb
Makeup Torque:	11500 Nm / 8500 ft-lb
Breakout Torque:	12200 Nm / 9000 ft-lb

## Hoisting and Rotating Equipment

Hook Model:	N/A
Hook Capacity:	N/A
Block Model:	FDS 50T Split Block
Block Capacity:	44,500 daN / 100,000 lbs
Swivel Model:	N/A
Swivel Capacity:	N/A
Rotary Table Model:	Enid drill system
Rotary Table Clearance:	419 mm / 16.5 in

## Mud Pump 1

Manufacturer & Model:	F800
Rated Power:	580 kW / 800 hp
Stroke:	229 mm / 9 in
Drive:	Series 2000 c/w pacific rim

## Mud Pump 2

Manufacturer & Model:	N/A
Rated Power:	N/A
Stroke:	N/A
Drive:	N/A

## Mud System

High Pressure Circulating System:	21000 kPa / 3000 psi
Mud Tank Volume:	42 m3 / 11000 gal
# of Mud Tanks:	1
Second Mud Tank Volume:	N/A
Trip Tank Volume:	3.8 m3 / 1000 gal
# of Shale Shakers:	1
Shale Shaker Model:	Swaco/monogoose
Atmospheric Degasser:	609
Additional Information:	inlet 76mm, outlet 152 mm

## Well Control System

Trim Type:	NACE
Acumulator Manufacturer:	control Tech
# of Stations:	N/A
Acumulator Volume:	302 L / 80 gal
Acumulator Pump:	triplex pump
Manifold Type:	N/A
Choke Manifold Size:	52
Choke Manifold Pressure Rating:	21000 kPa / 3000 psi

## Power

Power Distribution Type:	350 kw 480v/208v ac diesel
Generator Model 1:	Marathon
Generator Size 1:	350
Generator Model 2:	N/A
Generator Size 2:	N/A
Generator 3 Model:	N/A
Generator Size 3:	N/A

## Miscellaneous Equipment

Winterization:	N/A
Boiler Rating:	80
# of Fuel Tanks:	1
Fuel Tank Capacity:	9000 L / 2300 gal
# of Water Tanks:	1
Water Tank Capacity:	40000 L / 10500 gal

### Tubulars:

Rig carries sufficient tubular inventory of drill collars and drill pipe to drill 75% of rated depth capacity. Exact quantities and descriptions of tubulars available through Savanna Contracts Representative

### Special Equipment:

FDS 80K injector with 2 7/8 coil capacity, storage reel capacity 2 7/8 - 1350m. Flare trailer 8m3, storage on front and back of trailer, 3" Flare line and 6" degasser line. Specific inventory subject to change. Contact sales representative.

## Load List

Total Loads Summer:	8
Total Loads Winter:	9



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